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RED LORY
See Inside Back Cover
for Description

FEB 9 1930 %

U. S. Departement of Agriculture.

Superior Glads

for 1933

catalog.

A Handbook for Glad Fans



Grant E. Mitsch

"Gladland"

Brownsville, Oregon U. S. A.



Picardy

No color photograph or description can do justice to the beauty of this magnificent flower. It is unquestionably one of the finest varieties that has been produced thus far and the many prizes it has won throughout the country are evidence of the popularity which it will meet when it becomes more widely grown. A report that has just arrived states that a bulb supplied by me to one of my customers in England produced the finest spike shown at the 1932 British Gladiolus Show where about 100.000 blooms were on exhibit and won an Award of Merit. It has several times been conceded to be the finest spike shown at the Canadian National Glad Show and has won similar honors at many shows in the United States.

For sheer beauty of coloring it has very few rivals; and add to this immense size without a hint of coarseness, tall vigorous growth with beautiful broad green foliage which permits of cutting long spikes without injury to the bulb, splendid placement of the blooms with usually five to seven and sometimes more open, and rapid propagation.

Picardy is now becoming low enough in price so that almost every Glad fan can have at least one bulb or a few bulblets, and as it often makes large bulbs and fair spikes of blooms even from bulblets, it should have a place in every garden. Price: Large bulbs \$2.00 each; Medium \$1.25 each, 10 for \$10.00, 100 for \$80.00; Small, 75c each, 10 for \$6.00, 100 for \$50.00; Bulblets, 20c each, 10 for \$1.50, 100 for \$12.00, 1000 for \$100.00.





Well, here I am again. I chanced using this photo last year and got by with it, so have the audacity to use it again. Perhaps if business continues good and you do not voice your aversion to my imposing on your good nature, I'll have a new version of my likeness printed another year. Wishing all of you a most Prosperous New Year, I am, Sincerely,

G. E. M.



FANNY CROSBY

If eyes were made for seeing,

Then beauty is its own excuse for being.

—Emerson



COMMANDER KOEHL

Foreword

It is with a sense of incompetence that I attempt to fulfill my promise of giving in this catalog such information as might fit it for a Glad Fan's Handbook. So many splendid catalogs have been issued by other growers of longer experience and greater efficiency than the writer, that to add to the knowledge already available or present it in a different manner is a problem which, while at first thought may seem easy of accomplishment, proves more difficult than anticipated when the task is actually confronted.

While this catalog may contain little that is really new and is built for the most part on the ideas of others, I have attempted to incorporate some features that I trust will ease the problem of selecting suitable varieties and aid in the growing of our favorite flower.

In the first place, I have endeavored to give something in the way of descriptions of varieties that may prove of interest to my readers. In many cases, descriptions have been too indefinite and this fault is far from being eliminated here but an effort has been made to elucidate some points in a measure. These points might be further clarified by detailed descriptions but lengthy descriptions are not in the scope of this catalog. Among matters that are often left vague in the mind of the reader are those of size of the individual florets and the number open at once. To say that a flower is very large or that there are many florets open at once means little, especially if these terms are used in the descriptions of numerous varieties. Of course, it is impossible to give exact figures that hold true in every case but to give the size of the florets in inches and the number of open blooms often proves interesting and gives a basis for comparison.

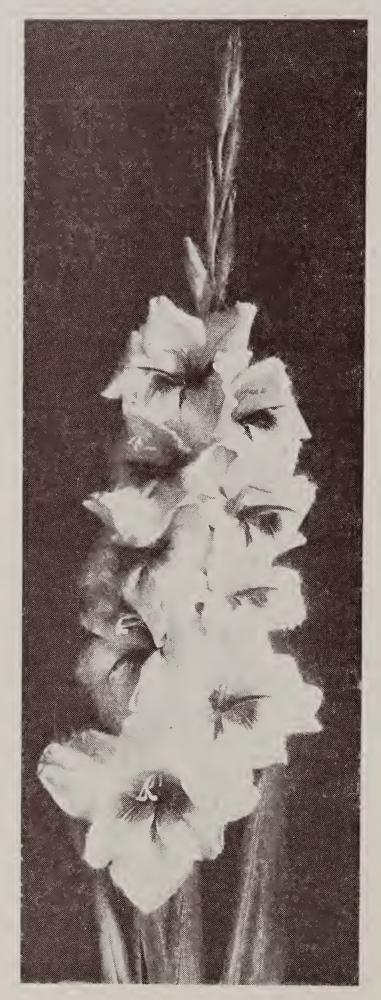
Here it must be added that soil and weather conditions vary so much that no figures given can be taken as exact, but they should, at least, give a means for comparing varieties. As to measurements given here it should be stated that none of the figures is to be taken as final for the reason that most of them represent the results of but one or two seasons' observation by two growers. Obviously, a longer period of trial would insure greater accuracy; but on the other hand, it is the new varieties that are given prime consideration here, and a short period of observation and trial becomes a necessity. The real Glad Fan desires to know about varieties while they are still new and to wait until each variety could be given several years' trial would thwart the purpose of this catalog.

The last summer was an exceptionally dry one and as my planting did not have sufficient watering early in the season for the highest development of the flowers, some of the figures hardly do justice to the flowers concerned. Another matter to be considered is that of size of bulbs, many of the varieties being grown from medium and small bulbs only as I plant mostly small bulbs and bulblets for growing stock that is to be offered for sale.

In a compilation of this sort, mistakes will occur and while it has been endeavored to eliminate as many as possible, there is much room for improvement and any suggestions which my customers may give, both in the way of correcting errors and in suggesting new ideas, will be appreciated. As to size of blooms, measurements taken by some individuals are the results obtained by stretching the flower out to the limit, and while it is permissible to straighten out recurved petals (those which are turned back), measurements from distorted flowers give a false impression as to its size. In my measurements, I have endeavored to find a floret typical of a well grown specimen of the variety and get its size without any moving of the petals other than to straighten recurved petals when such occurred. Owing to the wide diversity in form, even actual measurements at times prove misleading as some flowers appear much larger than others when the measured diameter is the same. As to number of open florets, those which are still wide open in good condition are the ones counted. Frequently, those florets which are partially closed and with the lower petals wilted are counted, and while, with some varieties particularly, these partially wilted blooms do not detract a great deal from the beauty of the spike and add materially to its length, I prefer to know the number of florets open in good condition.

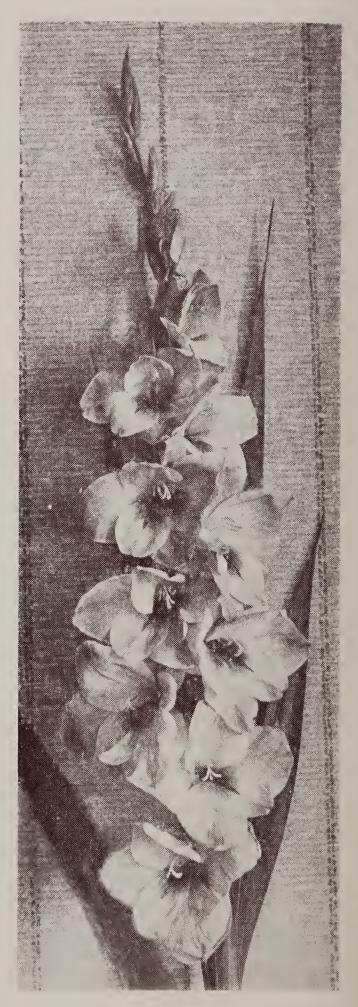
In addition to the table which gives brief descriptions of the varieties, there is included personal opinions of the Glads listed and here the merits and faults are described as seen by the writer. In some cases these notes are necessarily brief for the reason that I have seen too few specimens, and those not grown under good culture, to come to any conclusions. I find that most people like to have prices arranged along with the descriptions and while this may make the table a little more difficult to read, I think the present arrangement will be about as satisfactory as any. It is to be hoped that the descriptions may prove interesting as well as informative.

I must here take the opportunity of thanking my many customers for their past patronage



A. H. WOODFULL

Lovely flowers are smiles of God's goodness.
—Wilberforce



NERISSA

and for their kind letters. I have many letters on file from customers who have written of their success with my stock and in appreciation of the way their orders have been filled and I might fill pages with these but I prefer to use this space for information that may prove instructive to my customers. I invite any who are not pleased with the stock which I send out to make complaints and give me an opportunity to make adjustments or rectify errors.

Orders for the fall of 1932 have considerably exceeded those of any previous autumn and as stocks of some varieties are very limited, some will doubtless be sold out early in the season. I would suggest that all orders for bulblets of the higher priced varieties be sent in by the middle of April if possible as I hope to start planting by that time and some varieties will not be available after that date.

Visitors are invited to my planting during the blooming season which usually lasts from the middle of July to early in October with the most blooms about the first of August. I prefer that you come on week days but if that is not possible, the patch will not be closed Sundays although it is not open for business on Sundays.

Culture of Glads

On the supposition that most of my customers were Glad Fans of some experience, I have not given any cultural directions for the past few years, but since many new problems are confronting both the beginner and the connoisseur, there is perhaps sufficient ground for giving brief instructions here as to methods of surmounting certain difficulties.

Nearly everyone knows how and where to plant bulbs for good results and but a few words on this subject will be sufficient. In the first place, the selection of a plot of ground of good fertility and well drained is essential for the production of the finest flowers. Otherwise these features must be provided. Glads do not like the competition afforded by shrubs and trees and planting in close proximity to these or to walls of buildings should be assiduously avoided. They should be in full sunlight a good part of the day. I shall not go into detail in giving instructions for fertilizing but shall merely suggest that spading under rotted manure the fall previous to planting is a good practice. In using any fertilizers, particularly commercial preparations, they should not be allowed to come in direct contact with the bulbs nor should they be used in too heavy doses.

Where stock is not entirely healthy, it is desirable to treat bulbs with Calogreen, Semesan, bichloride of mercury, or one of the other chemicals recommended for such use and to follow directions that accompany the container.

Thrips

Thrips have caused more excitement and discussion among Glad Fans during the last two or three years than any other pest and for a time, the culture of Glads looked very discouraging in some sections. Methods of control have been evolved and doubtless they will soon cease to be a more serious menace to Glads than are many other insects to the crops which they infest.

All my stock is treated for thrips and I would suggest that everyone buying stock treat their bulbs with some recommended poisonous disinfectant or insecticide before planting as it is likely that some growers have thrips and do not know it. I received some inquiries asking if I have yet had thrips and I shall say that I have had a few but that they did little damage and would likely never have been noticed, had I not been looking for them. In examining the bulbs at digging time, I find that they are apparently entirely free from the insects but if the tops are shaken over the bulbs or if the tops are not removed immediately, there is danger of infestation. I exercised care in the digging of stock and then washed all the bulbs before taking them from the field so that any thrips which might have dropped on the bulbs would have been washed off before having had an opportunity to get under the husk. All stock was treated after digging and I am sure that all my bulbs are free from thrips.

There are a number of ways of destroying the thrips present on the bulbs. Probably the most simple and inexpensive as well as one of the most effective methods is the naphthalene treatment. Naphthalene flakes at the rate of one ounce to a hundred large bulbs are placed in the sacks, boxes, or trays with the bulbs. Boxes or trays can be covered with heavy paper or canvas and left for two or three weeks at about 60 degrees F. Paper sacks can be folded at the top and closed with paper clips. Investigators have found that naphthalene kills all stages of the insect: egg, immature, and adult. It is advisable to do the treating as early as possible as bulbs treated too soon before planting time are apt to start sprouting, because of the moisture which collects in tightly closed containers.



HINEMOA

Flowers preach to us if we will but hear.

—Christina Rossetti



LUCIFER

It has also been found that dipping bulbs in hot water kept at from 115 to 120 degrees for ten minutes is certain to kill all stages of the insect but if the temperature rises to 122 degrees, there is danger of ruining the bulbs. Some believe that a temperature a few degrees lower and a treatment of a half hour or longer is safer but I cannot vouch for the efficacy of such treating. Treating bulbs with Semesan for several hours should prove effective if all the husks are removed but unless the husks are first taken off, there is danger of some insects escaping unless bulbs are treated eight or ten hours for the penetration of the husks by water is a slow process and thrips which are not reached by the poison may live through the treatment.

There are various methods of fumigation that have been tried but I shall not discuss them here for the reason that most of them are dangerous and expensive to use and their effectiveness is often questionable.

For treating stock in the field, there are many sprays which are more or less effective but none of them entirely efficient. My experience in this line is too limited to give definite recommendations, but I suggest that the methods described in the publications of the various Gladiolus Societies be followed.

Growing of Bulblet Stock

Many people like to get their start of the new varieties by buying bulblets. Some varieties do not germinate well from bulblets and while I cannot guarantee all bulblets to grow, I shall offer a few suggestions, which, if followed, should increase the number which grow. Bulblets of the most expensive kinds should be cracked and a small portion of the hull removed. Much time may be gained by doing this in February or March and keeping bulblets in a damp cloth in a warm room for a few days. Any bulblets that start to sprout can be planted in peat moss or paper pots and kept indoors until weather is suitable for planting outside. Those which do not germinate can be dried off and kept warm until April or May and then moistened again before planting and it will be found that many bulblets which would not germinate at all the first year, otherwise, will grow and produce good bulbs.

Varieties

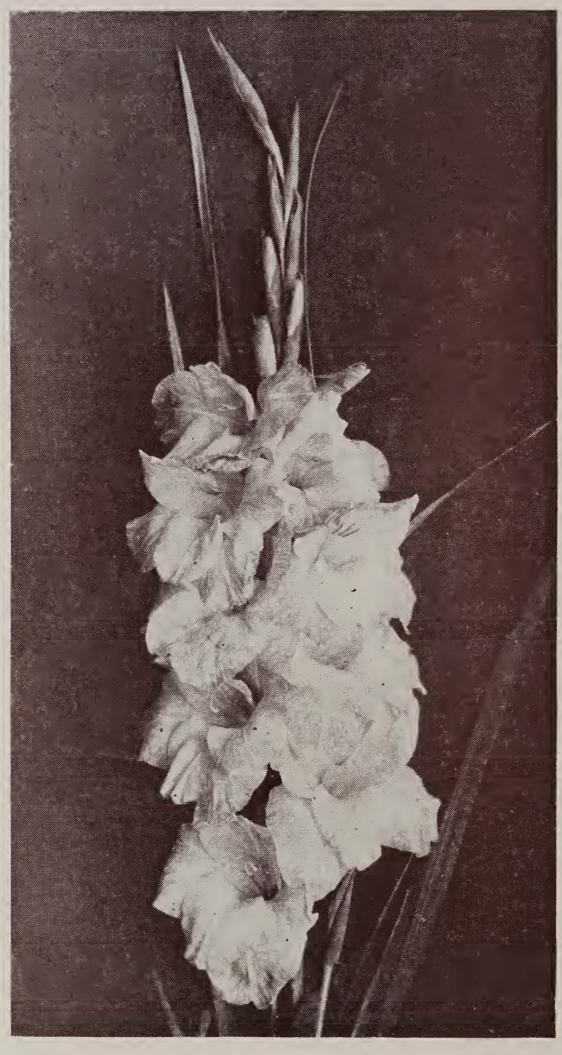
I aim to keep my list as complete as possible, where new varieties are concerned and not to describe in glowing terms any varieties that do not show up well. Some which do not look good the first year are listed for the reason that they may make a much better showing another season but if they continue to show defects and are not better than older varieties, they are dropped from my list.

Many other varieties are being grown besides those listed but most of them are not yet released by the Horticultural Board or are too limited in supply to offer. I expect another year to offer Pfitzer's, Errey's, DeGroot's, Mair's, and several other growers' latest varieties.

Instructions for Ordering

Terms: Cash or 25% down and the balance before delivery or C. O. D. Five bulbs or bulblets may be purchased at the ten rate and twenty-five at the hundred rate where not otherwise priced, and providing the item does not total less than 10c. Prices prepaid in the United States and Canada on orders over \$1.00. For smaller orders, please enclose 15c extra for postage and packing. Foreign orders of over \$2.50 prepaid. Shipment along the Pacific coast can be made anytime, but Eastern orders are preferably held until March or will be shipped by express, if desired and order totals \$10.00 or more. For the advantage of the many Australian and New Zealand Glad Fans who desire to know during which months shipments can be made, it may be stated that ordinarily bulbs may be shipped from early December until about May tenth.

Discounts: Until March 15th this year, I am offering the following discounts on bulbs. 20% on orders of \$6.00 or more. 25% discount on orders of \$15.00 or more. After March 15th, extra bulbs to the value of 15% of your order may be selected on orders of \$5.00 or more and 20% extra in bulbs on orders over \$25.00. Discounts do not apply on the following varieties: Christabel, Solveig, Wasaga, Coronation, Sunnyside and collections. Remittances should be made in money orders, drafts, or checks. Currency or stamps may be sent on small orders but if stamps are sent, they should preferably be in denominations of one, two, three, or five cents, or air mail.



CHRISTABEL

Christabel

The lovely lady, Christabel,
Whom her father loves so well,
What makes her in the wood so late,
A furlong from the castle gate?
She had dreams all yesternight
Of her own betrothed knight;
And she in the midnight wood will pray
For the weal of her lover that's far away.

—Coleridge.

The poem from which the above quotation is taken is the source of the name for my first Glad introduction. I trust the flower, Christabel, will become as favorably known among Glad fans as is the poem with students of English literature. Christabel has not been grown in many locations as yet but it has been enthusiastically received by those who have seen it in my garden or grown it. It belongs to a color class where it must compete with many other meritorious varieties but it should prove a strong contender for honors on the show bench by reason of its large exhibition spikes and beautiful color.

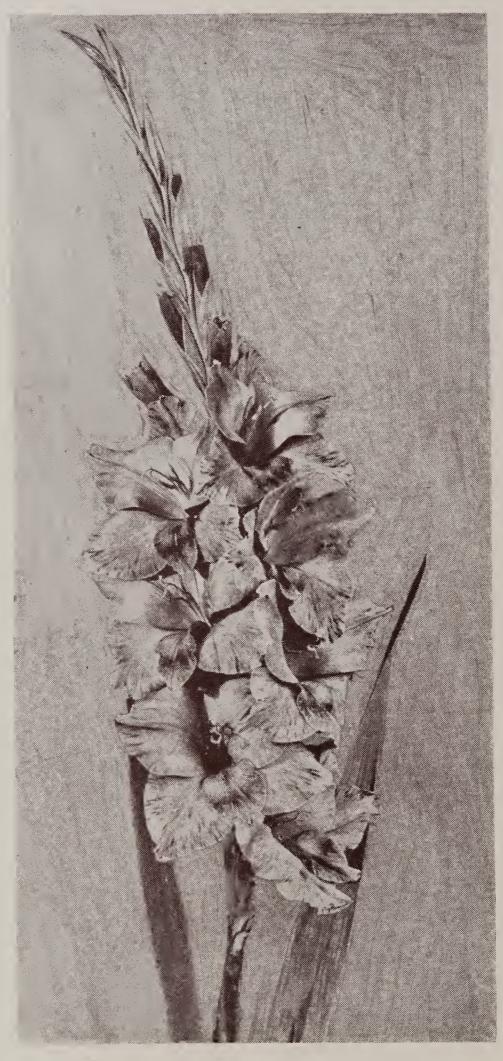
In color, Christabel is, according to Ridgeway, a shade between La France and surimp pink with light sulphur yellow throat. In common terms it might be described as a soft light pink with cream throat blotches. In size, the flowers are large, about five to six inches across or about the size of large blooms of Phipps. Seven to ten is the usual number of open blooms. Spikes are tall and slender with about 18 to 20 buds. In form they are graceful and tapering. Placement of the florets is good and the variety gives a high percentage of good spikes. As the plant grows tall, it is advisable to plant fairly deep or stake the plant if it is to be watered by a sprinkler while in bloom.

During 1932 a very few spikes came with some florets slightly discolored but this was apparently due to the season as some of my Picardy and Mildred Louise spikes were off colored at the same time and these varieties are undoubtdly among the best of their colors. As to beauty of flower, some have made the assertion that they preferred Christabel to Picardy although personally I do not consider it quite equal in that respect. It is somewhat more wide open in form and has more florets open at once but does not make quite as vigorous a plant as that variety.

As to propagation, Christabel is a splendid bulblet producer and a good germinator. Many bulblets grow to medium or large bulbs the first year and some bloom when given good culture. Owing to the fact that the bulblets were planted late and in a very dry part of my garden last season, I have but a limited stock of the larger size bulbs but there is a fair supply of No. 6 bulbs available. Most No. 6 bulbs should bloom but, of course, they do not give typical spikes.

While I believe this variety equal to many Glads introduced at a much higher price, I do not wish to overestimate its value and ask an exorbitant price with the possibility that some one might be disappointed; hence, I am offering it at a low figure that should be in the reach of nearly every Glad fan who buys the newer varieties. Price \$5.00 each for bulbs over one-half inch; No. 6 bulbs at \$2.50 each; Blts. \$1.00 each, \$10.00 per dozen.





THOR

Thor

This seedling, Thor, is named in honor of the greatest hero of Norse mythology. It has been under trial for several years and has looked quite promising. The past season it was grown under adverse conditions and it did not have a chance to show up quite as well as previously; hence, I had some hesitancy of introducing it until after another year's trial but I have decided to give my customers a chance to try it, and while no bulbs are offered for sale, I shall give one with each bulb of Christabel sold. In some localities, particularly where there is much hot weather at blooming time, this variety may show up as well or better than Christabel although both seem to stand up well in my garden.

THOR is a very large wide open flower from a cross of Pfitzer's Triumph and Aflame. It has inherited much of the form of Triumph while Aflame imparted something of its graceful tapering spike and much of its color. Five or six is the usual number of open blooms with seven open on occasional spikes. Placement is nearly always perfect and spacing very good. The spike illustrated appears to have one misplaced floret but this is unusual and was more apparent in the illustration than on the spike. In texture it is good, being resistant to hot weather, and in growth, it is strong and rugged. Spikes are medium tall.

The color is rose doree or rose red with a narrow scarlet feather dotted white on either side on the lower petals. The white spots detract but do not keep it from being one of the most showy flowers, either in the garden or indoors. A good propagator. No stock for sale but a bulb free with each bulb of Christabel. This does not apply to bulblets which are not offered for distribution this year.

Gladiolus Societies

It has been my practive to offer free bulbs to those who send me membership dues to the various Glad societies and this year, I shall offer a free No. 4 bulb of Picardy for each membership sent me for any of the following three Glad Societies if an order accompanies membership dues.

The American Gladiolus Society publishes the Gladiolus Review which is sent each month to all members of the society. Dues are only \$2.00 and the magazine is worth much more than this as it covers all phases of Glad growing. The British Gladiolus Society publishes an annual having many fine articles and is illustrated with colored and half-tone plates. Dues are \$1.30 a year. The New England Gladiolus Society publishes a yearbook of around 200 pages of helpful information and advertising. This is perhaps the most useful book of this sort published and in addition to the 1933 yearbook, the 1932 issue and the Fischer color chart containing 108 colors for classifying Glads are sent free to members. Dues are only \$1.00.

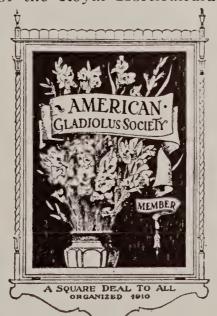
Send direct to me and I'll forward dues to the Societies which you wish to join.

Grant E. Mitsch, Brownsville, Oregon

Fellow of the Royal Horticultural Society

Member of

American Gladiolus Society
British Gladiolus Society
Canadian Gladiolus Society
German Gladiolus Society
Illinois Gladiolus Society
Indiana Gladiolus Society
Oregon Gladiolus Society
New England Gladiolus Society



Member of
American Dahlia Society
American Delphinium Society
British Delphinium Society
Ballarat (Aust.) Horticultural
Society

American Genetic Association



MRS. T. J. KNUDSON

What a desolate place the world would be without a flower! It would be a face without a smile, a feast without a welcome. Are not flowers the stars of earth, and are not stars the flowers of heaven?

-Mrs. Balfour.

A passion for flowers is, I really think, the only one which long sickness leaves untouched with its chilling influence.

-Mrs. Hemans.



VEILCHENBLAU

The "Blues"

This year I am listing the "blue" varieties separately from the others as they are one of my specialties and by listing them together, comparison of the various varieties will be facilitated. Each variety will be listed alphabetically in the general list, also, but the descriptions are given only in this section. Many of my customers are interested in hybridizing, and for their advantage, I have endeavored to make mention of some of the varieties that appear to me to be valuable for this purpose. The following list is, I believe, as complete as any collection of "blues" offered by any grower.

It may be that the tabular headings and abbreviations in columns need some explanation. ', meaning substance has been determined from thickness of petals, ability to stand heat and wind in field and behavior after cutting. Substance is classified by using initials of Fair, Good and Excellent. Under type, most varieties come under the abbreviations for Grandiflorus, Primulinus or Primulinus Grandiflorus. Several bear "L" for Laciniated, while a few are marked "M" for Miniature or "N" for Needlepoint. Ruffled varieties are marked "R". The blooming season listings are designated as Early, Early Midseason, Midseason, Late Midseason and Late, the initials of these being used as abbreviations. The diameter of a representative floret is expressed in inches, while the height is shown as Short, Medium or Tall. We believe "No. Out" is self explanatory.

To conserve space the following abbreviations are used for names of introducers or originators: A, Austin; Alk, Alkemade; B, Barth; Bet, Betscher; Br, Brown; Bur, Burbank; C, Coleman; Cr, Crow; D, Diener; Dec, Decorah; Dg, Miss Douglas; El, Ellis; Er, Errey; F, Fischer; Gil, Gilrey; Hol, Holland; Hr, Hornberger; K, Kunderd; Kin, Mrs. Kinyon; Kir, Kirchoff; Lem, Lemoine; M, Mair; Mil, Miller; Mrs. H, Mrs. Hoeg; Mz, Metzner; Pal, Palmer; Pf, Pfitzer; Pl, Powell; Pp, Piper; Pr. Prestgard; Sal, Salbach; St, Stevens; Sy, Symons; V, Vaughan; Vel, Velthuys; Vil, Vilmorin.

Blm. Dia. Variety — Originator — Color and Markings Sub. Type Ht. Out Sea. In. AIDA (Pf) Deep violet blue, red throat, very early G G \mathbf{E} The standard deep violet blue. Very rich coloring and an exceptionally early bloomer. Tall spikes

with larger flowers than the older deep "blues". Inclined to fall over and should be planted deep or staked. Bulblets slow to germinate but very large and many bloom the first year. L. 40c each, 10 for 90c; M. 10 for 50c; S. 10 for 30c; Blts. 100 for 35c.

- ALEC (Dg) Strong growing, medium violet, red blotch G G LM 4 Among the tallest and most vigorous of the "blues." Spikes well formed and flowers good size. Color a trifle more dull than some of the other varieties. Very conspicuous large red blotch. Stock scarce in this country. L. \$2.50 each; M. \$1.50 each; Blts. 25c each.
- ALLAWAH (Er) Lavender violet, red blotch, strong Another very tall vigorous variety. Color less attractive than most but form and spike far ahead of many of the others. Valuable for hybridizing. Has a great many buds to the spike. Good propagator. L. 25c each; M. 15c each, 10 for \$1.00; S. 10 each, 10 for 60c; Blts. 10 for 15c, 100 for \$1.00.
- ALT WEIN (Pf) Light violet, wine feather, white blotch F G $4\frac{1}{2}$ M When well grown this is one of my favorites of the "blues". Most attractive coloring and large flowers. Good placement. Form not quite equal to Ave Maria. One that I would not want to be without. Good grower from bulblets. L. 35c each, 10 for \$3.00; M. 20c each, 10 for \$1.75; S. 10c each, 10 for 90c; Blts. 10 for 30c, 100 for \$2.75.
- Color varies some, being dull at times and rich and full of life at others. Some times I like this best,—others, I prefer Alt Wien. Ave Maria makes lots of bulblets but does not germinate as quickly as Alt Wien. L. 15c each, 10 for \$1.00; M. 10c each, 10 for 60c; S. 10 for 35c; Blts. 10 for 10c, 100 for 50c.
- F G BADENIA (Freitsch) Purest light violet, deep feather The old much sought after blue and the forerunner of the modern varieties. Fine large flowers of very good color although hardly as near blue with me as some of the later sorts. Opens a good number of blooms at once. Used much for hybridizing. Very poor propagator and old bulbs are almost useless. Young blooming size bulbs at 35c each.



ALT WIEN

'Tis we who be of simple mind And work in gardens often find, While bending o'er the lowly sod, The highest thoughts of life and God.

—G. E. M.



MAROLEE

- Variety Originator Color and Markings Sub. Type Sea. In. Ht. Out
- BLUE ADMIRAL (Christ) Deep violet blue, violet plume G G EM 4½ M 6 A worth while acquisition in the deep violet blues. About as near blue as any of them. Good sized florets on tall spikes. A good propagator. Color near Pelegrina though I believe not quite as near true blue as that variety is at times. L. \$8.00 each; M. \$4.00 each; S. \$2.50 each; Blts. 75c each.

- BLUE PEACOCK (Sal) Medium violet, red and white throat G G EM 4½ M 4 Perhaps this will prove to be an improved Veilchenblau. Very good rich color and good sized flowers. Apparently not a very rapid multiplier. A fine addition to this class. L. \$2.50 each; M. \$1.50 each; Blts. 25c each.
- BLUE TRIUMPHATOR (P) Very light violet, deeper feather F G EM 6½ M 6

 The largest flower of this class. Very light violet in color. Some do not like it but personally,

 I consider it a good flower. Fine spikes with several enormous florets open. Rather a poor

 propagator and thus far has proven of little value for hybridizing as it is usually sterile.

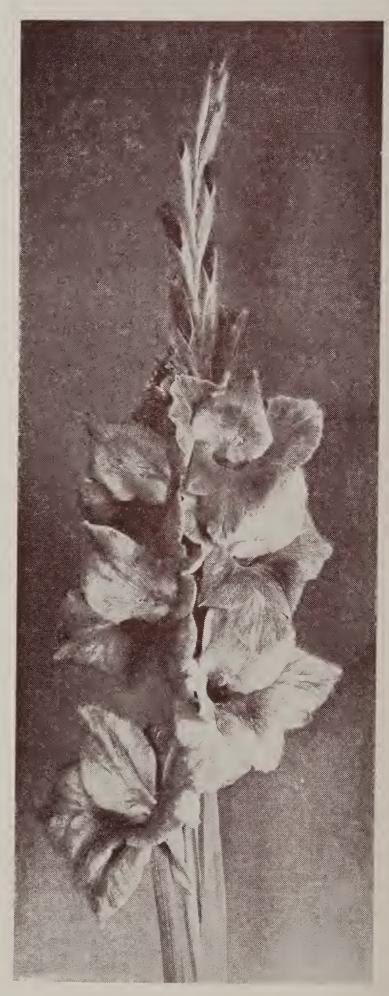
 L. \$1.50 each; S. 50c each; Blts. 15c each, 10 for \$1.00.
- CANYON VIOLET (V) Deep violet blue, small purple plume G G LM 4½ T 5 Vaughan's latest addition to the "blues" and one of their best. Among the tallest and most vigorous of this class. Large flowered and very rich deep color. Makes a fair number of bulblets, but I fancy they will be slow to germinate. L. \$8.00 each; Blts. \$1.00 each.
- HEAVENLY BLUE (Pf.) Light violet blue, deep violet feather.... G G M 4 M S Among the first of the fine light "blues" to be introduced. A beautiful flower when well grown but quite tempermental. Does well in some sections and some seasons and poorly at other times. This Glad has been used much in hybridizing and many good seedlings have resulted, some of which will likely make their appearance on the market ere long. L. 10 for 90c; M. 10 for 40c; S. 10 for 20c; Blts. 100 for 20c.
- KIRCHOFF'S VIOLET (Kir.) Deep blue violet, darker throat.... G G EM 3½ M 5 An older variety but about as near a self color as we have in this color section. Flowers not very large and plant somewhat fickle in its requirements. This variety has proven very valuable for hybridizing, transmitting many of its strong points to its progeny which are often larger flowered and better growers. L. 10 for 60c; M. 10 for 40c; Blts. 10 for 10c.



ALBATROS

One touch of nature makes the whole world kin.

-Shakespeare.



TOSCA

Variety - Originator - Color and Markings

Sub. Type Sea. In. Ht. Out

but flowers are larger, better placed, and of better form. Not quite as tall as Konynenburg. Makes many large bulblets which germinate quite well and grow to large bulbs the first year. I would suggest that it may be advisable to cut all but one or two eyes from large bulbs as they frequently split up considerably. L. \$1.50 each, 10 for \$12.00; M. \$1.00 each, 10 for \$8.00; S. 75c each, 10 for \$6.00; Blts. 25c each, 10 for \$1.50, 100 for \$12.00.

- MRS. GERTRUDE PFITZER (Pf.) Light violet, deeper blotch G G EM 5 T 5 An unusually large flowered variety but lacking the purity of coloring of some of the others of this class. Placement rather faulty and a poor germinator. Makes many bulblets and is a strong grower. L. 30c each, 10 for \$2.00; M. 20c each, 10 for \$1.50; S. 10 for 90c; Blts. 10 for 25c, 100 for \$1.00.
- MRS. T. J. KNUDSON (V) Medium violet blue, purple feather G G M 3¾ T 6 While not as large flowered as some, this is about as attractive in color as any of the medium violet-blues. Good spikes and fine form. Makes many large bulblets which grow well. One of the best propagators in this class and by reason of its fine color should make a good commercial variety. L. \$1.50 each, 10 for \$12.00; M. \$1.00 each, 10 for \$8.00; S. 50c each, 10 for \$4.00; Blts. 10 for \$1.00, 100 for \$8.00.
- MRS. VAN KONYNENBURG (Pf.) Light violet, deep violet fth. G G M 4 T 6 The first of the new race of "blues." A great advancement in color and vigor over the 'older varieties, but this has now been superseded by a number of later varieties. Placement faulty. This is the parent of quite a number of good seedlings coming on in different parts of the world. L. 10 for 50c; M. 10 for 30c; S. 10 for 20c; Blts. 100 for 15c.
- OLIVAR (Er.) Light violet veined blue, deep violet blotch G G M 4 M 5 A most unusual shade of deep blue violet with purple red blotch. Large flowers. Usually crooks badly. This will likely prove valuable to those hybridizers who are working for blues. A good propagator. Rather short in growth. L. 10c each; M. 10 for 50c; S. 10 for 25c; Blts. 10 for 10c.

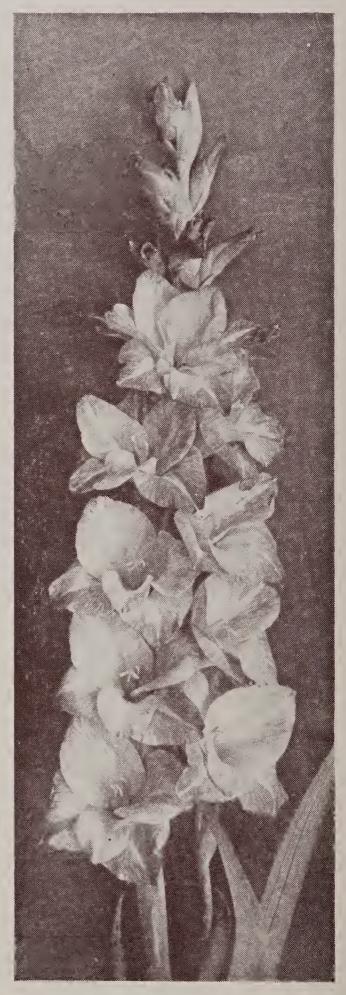
- VEILCHENBLAU (Pf.) Medium violet with darker throat G G M 4½ M 6 This variety is probably more in demand than any of the other "blues" that have come down in price to the point where they can be used by cut flower growers. A rich pleasing shade of violet blue. If it grew a little taller, it would be hard to surpass in this class. It will be some time before it is displaced by a better variety. L. 10 for 75c; M. 10 for 40c; S. 10 for 20c; Blts. 100 for 20c.



LIGHTHOUSE

What is really beautiful needs no adorning. We do not grind down the pearl upon a polishing stone.

---Sataka



DOROTHEE

General List of Varieties

Variety — Originator — Color and Markings Sub. Type Sea. In. Ht. Out

ACADIA (Pal) Geranium pink, cream throat, pink feather F G M 5 M 6 A good commercial pink. L. \$1.00 each; Blts. 15c each.

- AENNE RAHMSTORFF (B) Pure red, almost self, fine form.... G G M 4 M 8 A fine clear red on excellent long spikes with perfect placement. The florets are not so large as in some of the other reds but the spike formation and color make this worth growing. Should prove valuable for hybridizing. Fine propagator. L. \$1.00 each; M. 60c each; S. 35c each; Blts. 10c each, 10 for 75c.
- A. H. WOODFULL (Er) Silvery mauve, darker throat, exhibition G G EM 4½ M 9 A color novelty. Not every one likes the silvery mauve coloring but many do and the spike is of that type which is sought after for exhibition. This produces many bulblets but thus far has not been a good germinator. L. \$1.50 each; M. 80c each; S. 40c each; Blts. 15c each, 10 for \$1.00, 100 for \$6.00.

AIDA—See "Blue" section.

ALBATROS (Pf) Purest white, sometimes poor placement G G M 5 T 6 The most popular white and when well grown is one of the best. Unfortunately, it often comes with florets faced upright and large bulbs have a tendency to split up, sending up a number of stalks. L. 25c each, 10 for \$2.00; M. 15c each, 10 for \$1.25; S. 10 for 70c; Blts. 10 for 15c, 100 for \$1.25.

ALEC—See "Blue" section.

ALLAWAH—See "Blue" section.

- ALLENWOOD (Hr) La France pink, red feather, white throat.... G G LM 4½ M 5 A good clear pink with small feather on a light throat. Another year's trial necessary to decide on its merits. L. \$3.00 each; M. \$2.00 each; Blts. 25c each, 10 for \$2.00.
- ALMA NEEDHAM (Sal) Pink, white and red lined throat G G L 4 M 6 A good cut flower variety. Abundant bulblet producer but poor germinator. L. 50c each: M. 30c each; Blts. 10 for 25c.

ALONE—See Dragon Lyonnaise.

ALT WIEN—See "Blue" section.



BERTY SNOW

The instinctive and universal taste of mankind selects flowers for the expression of its finest sympathies, their beauty and their fleetingness serving to make them the most fitting symbols of those delicate sentiments for which language itself seems almost too gross a medium.

—Hillard.

- Fine coloring. Good for cut flowers. This variety is proving most valuable for hybridizing.
 Rapid multiplier. L. 10 for 40c; M. 10 for 25c; S. 10 for 15c; Blts. 100 for 10c.

- AVE MARIA—See "Blue" section.
- BADENIA-See "Blue" section.

- BEAT ALL (Alk) Glistening La France pink, red feather G G LM 5 M 6 A beautiful Glad with wonderful sheen and texture and fine wide open form. Unfortunately, not a very good propagator, with me, at least. L. 50c each.
- BELLE OF HAMBURG (Hr) Apricot, yellow throat, penciled.... F P EM 4½ M 4 The Glad-Montbretia hybrid. About the color of Betty Nuthall and like a dainty prim in form. Does not stand much heat apparently. L. \$3.00 each; Blts. 25c each.
- BENGAL BEAUTY (El) Orange, flecked chocolate, yellow throat G G LM 5 T 6 A much improved Bengal Tiger. Perhaps not as large as that old variety but better in color and more open. L. 20c each, 10 for \$1.50; M. 15c each, 10 for \$1.00; S. 10 for 50c; Blts. 10 for 15c.
- BERTY MAIR (M)

 This one I have not yet seen but it is claimed to be better than Berty Snow. If it is, it is one of the finest of Glads. S. 30c each; Blts. 10c each.

- BETTY NUTHALL (Sal) Apricot orange, throat penciled red E PG-R L 4½ T 8 A real super Glad. Wonderfully reliable in the production of fine spikes. Rapid multiplier: One of the very best. L. 10 for 75c; M. 10 for 40c; S. 10 for 20c; Blts. 100 for 15c.
- BIG NAN (Adams) Brown orange, red and yellow throat G G LM 5½ M 5 A novel coloring that is slightly reminiscent of Tragedie but a larger flower. Throat marking not quite as dark as in Tragedie. Long flower head but rather short stem. L. \$1.50 each; M. \$1.00 each; S. 50c each; Blts. 15c each, 10 for \$1.25.







EMILE AUBRUN

Variety -- Originator -- Color and Markings

Sub. Type Sea. In. Ht. Out

mander Koehl but better in form and placement. A prize winner. L. 50c each; M. 30c each, 10 for \$2.50; S. 20c each, 10 for \$1.50; Blts. 10 for 60c, 100 for \$5.00.

BLUE ADMIRAL—See "Blue" section.

BLUE DANUBE--See "Blue" section.

BLUE DELIGHT—See "Blue" section.

BLUE DOMINA—See "Blue" section.

BLUE PEACOCK—See "Blue" section.

BLUE ROYALE—See "Blue" section.

BLUE TRIUMPHATOR—See "Blue" section.

BOBBY DOUGLAS (Rademacher) White, rose line on lower petal G G L 5 T 6 A giant white somewhat like Albatros but not as pure in color and usually with a little penciling on the lower petal. Has the faults of Albatros but is notable for its very large size. L. 25c each; M. 15c each; S. 10 for 90c; Blts, 10 for 25c.

BOSTONIA—See "Blue" section.

BRILLIANT (Prins) Brilliant self-colored red, very dainty F M EM 3 M 5 A very bright and dainty thing. A real miniature. Blooms over a long period and very satis-

- Variety Originator Color and Markings —— Sub. Type —— Sea. In. Ht. Out factory for vases. Form and markings much like the baby Glads with longer spike more like the Prims. L. 50c each; M. 35c each; S. 20c each, 10 for \$1.50; Blts. 10 for 35c.

- BULLFINCH (M) Orange overlaid slate, yellow throat blotch F G LM 4 M 6 One of the most distinct and showy of all smokies. The blending of orange and slate ground set off by a large bright yellow blotch gives this a most novel and brilliant appearance. Apparently this will not stand the heat as well as most Glads but it is a very worthwhile flower. Blts. \$1.00 each.
- CABERNET (Mz) Wine red and blue G G M 4 M 4
 A good wine red flower. L. 35c each; S. 10 for \$1.00; Blts. 10 for 15c.
- CAMELOT (Er) Coral pink, distinct scarlet throat, yellow feather G G M $4\frac{1}{2}$ M 7 A good exhibition variety. Not as many buds to a spike as some but most of them open at once. L. \$1.00 each; Blts. 15c each.
- CANBERRA (Er) Very vigorous medium yellow, exhib. variety G G LM 5 T 10 Possibly the best exhibition yellow. Large flowers and many open at once on an immense stalk. Placement is not always good and the small pink feather is objectionable to some individuals. L. 25c each, 10 for \$2.00; M. 15c each, 10 for \$1.00; S. 10 for 75c; Blts. 100 for 50c.
- CANYON VIOLET—See "Blue" section.
- CASSANDRA (Er) White heavily flushed pink, prominent red blh. G G EM $4\frac{1}{2}$ T 8 A striking novelty. Very showy although lacking in refinement in coloring. The white ground very heavily flushed pink is set off by very large red blotches. L. \$1.00 each; Blts. 10c each.
- CHARMEUSE (Moir) Bright orange scarlet, cream throat....... G G M $4\frac{1}{2}$ M 5 A showy sport of the old Charlemagne. L. \$1 each; M. 50c each; S. 25c each; Blts. 10 for 50c.

- COMMANDER KOEHL (Pf) Dark scarlet, shading to orange tht. G G LM 5½ T 7 Undoubtedly one of the very best red Glads. Very large with fine even deep shade of red: Heavy texture. Sometimes comes with faulty placement of blooms. L. 25c each, 10 for \$1.75; M. 15c each, 10 for \$1.00; S. 10 for 60c; Blts. 10 for 15c, 100 for \$1.25.
- COMRADE (M) Salmon, heavily streaked slate, cream blotch.... F G M 4 M 6 Another of Mair's good smokies. Should have cool weather to do best. L. 30c each; M. 20c each; S. 10c each; Blts. 10 for 15c.
- COPPERSHEEN (V) Copper orange with copper fth., cream tht. G PG LM 3½ S 5 A Prim of unusual coloring and long sturdy spikes. L. 30c each; M. 10 for \$1.00; S. 10 for 50c; Blts. 100 for 50c.
- DAVID FISCHER (Gil) Rose lavender, rose spots on cream tht. F G LM 4 T 8 Reputed to be a great exhibition variety but with me it has not opened a great number of



DRAGON LYONNAISE

Variety — Originator — Color and Markings Sub. Type Sea. In. Ht. Out blooms nor has the color been especially attractive. Perhaps it will show up better another season. L. \$6.00 each; M. \$4.00 each; S. \$2.00 each; Blts. 50c each, 10 for \$4.00.

DEARBORN (V) Salmon orange, red feather on yellow throat.... F PG M 5 T 6 A huge tulip-shaped flower. Most vigorous grower and heavy propagator. Many consider this one of the best and others do not care much for the form of the florets. L. \$1.00 each; M. 60c each, 10 for \$5.00; S. 35c each, 10 for \$3.00; Blts. 10 for 75c, 100 for \$6.00.

DR. ECKENER (B) Deep salmon pink, rose blotch, white midrib G G LM 4 S 5

Apparently this does not give very long spikes but it has not been grown under good conditions
in my garden and may show up better grother season. I \$1,00 each

in my garden and may show up better another season. L. \$1.00 each.

- Variety Originator Color and Markings Sub. Type Sea. In. Ht. Out
- DR. MOODY (Kin.) Good commercial lavender, small rose feather E G M 4 M 8
 A popular lavender but not equal to Berty Snow or Minuet with me. Usually comes rather stubby here. M. 10 for 40c; S. 10 for 20c; Blts. 100 for 20c.
- DOROTHEE (Vil) Deep rose with white blotch, flamed crimson G G EM 4½ T 13 A tall Glad with many florets open at once. Very heavy spikes. L. \$2.00 each; M. \$1.25 each; S. 65c each; Blts. 20c each.
- DRAGON LYONNAISE (Revoire) Pink, cream throat, rose spots F S M 4 S 5 Same as Alone. The Glad with pockets and spurs. A distinct novelty. L. 30c each; M. 20c each, 10 for \$1.50; S. 10 for 75c; Blts. 10 for 25c.
- DUCHESS OF ATHOLL (M) Rose pink with white throat F G M 5 T 8 Large flowered exhibition Glad but not always with the best of facing. L. 50c each; M. 30c each; S. 20c each, 10 for \$1.50; Blts. 10 for 25c.
- DUCHESS OF YORK (M) Salmon slate, cream midrib and tht. G G LM 4½ M 6 Similar to Berty Snow except in coloring which is soft ashy salmon with light throat. Seems to stand heat better than most of the Mair varieties. L. 10 for \$1.00; M. 10 for 60c; S. 10 for 30c; Blts. 100 for 35c.

- EIGHTH WONDER (K) Smoky old rose, overcast brown E G 5 M 6

 Both the color and texture of this flower is suggestive of leather. Makes large bulblets, many of which bloom the first year although this is a late flower. L. 20c each; M. 10c each; S. 10 for 75c; Blts. 10 for 15c.
- EMILE AUBRUN (Lem.) Smoky rose salmon, rose red throat G G LM 5½ T 9 One of the very best Glads grown. Many large perfectly placed florets open on a good talk vigorous spike. Used much for hybridizing and the parent of many good varieties. Fine propagator. L. 10 for 50c; M. 10 for 30c; S. 10 for 20c; Blts. 100 for 10c.

- ERICA MORINI (Pf.) Bright red. Improved Pfitzer's Triumph F G EM 5 M 6 Although compared to Pfitzer's Triumph, this is very distinct from that variety. Has not, grown very tall for me and the florets do not open as widely as in Pfitzer's Triumph. L. \$3.50 each; M. \$2.50 each; S. \$1.50 each; Blts. 35c each, 10 for \$3.00, 100 for \$25.00.
- ESME DESAILLY (Er.) Light pink, red penciled throat E G LM 4½ M 8 One of the Australian exhibition Glads. Opens a goodly number of blooms on fine spikes. A good propagator. L. 35c each; M. 25c each, 10 for \$2.00; S. 15c each, 10 for \$1.00, 100 for \$8.00; Blts. 10 for 25c; 100 for \$1.50.
- ETENDARD (Lem.) White, scarlet blotch bordered yellow G G E 4 M 7 Striking early blotched Glad. Still one of the best of this type. M. 10c each: S. 10 for 50c.
- FAIREST OF THE FAIR (Christ) White, lip penciled pink G G M 4 M 4 Said to be one of the finest whites but with me it came crooked, poorly colored and stubby, Possibly it was an off year for the variety. L. \$2.00 each; M. \$1.00 each; Blts. 10 for \$1.00.
- FANNY CROSBY (Carpenter) Cream, deeper cream throat G G EM 5 M 10 Perhaps as good in; all points as any cream colored Glad I have grown. Opens a goodly number of florets on a fine spike. Some seasons a percentage of the spikes come with poor facing but usually it is fine. Gives double florets. L. 35c each, 10 for \$2.50; M. 25c each, 10 for \$1.50; Blts. 10 for 25c, 100 for \$1.00.

Blm. Dia. No. Sub. Type In. Ht. Out Sea.

- Variety Originator Color and Markings
- FAITH—See "Blue" section.
- FATA MORGANA (Pf.) Light salmon pink, with cream throat.... F G EM $4\frac{3}{4}$ T One of the most beautiful Glads. Good spikes. Blooms quite well from bulblets. L. 60c each, 10 for \$4.00; M. 40c each, 10 for \$2.50; S. 20c each, 10 for \$1.50; Blts. 10 for 20c, 100 for \$1.
- FIREFLAME (Brown, Aust.) Scarlet blotched deep crimson G G-R A good clear red. L. 50c each; M. 30c each; S. 20c each; Blts. 10 for 25c.
- FLUFFY RUFFLES (Br.) Light yellow A popular laciniated variety. Rather small flowered. L. 50c each; M. 30c each; S. 15c each; Blts. 10 for 25c.
- LM 4½ T 12 FRANK J. McCOY (Briggs) Pink, blotched deeper pink G G An exhibition variety with 10 to 14 open florets. Often poorly placed. L. 20c each; M. 15c each.
- FRANZ SCHUBERT (Pf.) Apricot with red feather G G EM $4\frac{1}{2}$ M A beautiful pink with light throat. Rapid propagator. L. 35c each; M. 20c each; S. 10c each, 10 for 90c; Blts. 10 for 25c, 100 for \$2.00.
- GARTENINSPECTER V. BERGER (Pf.) Salmon, flk. steel blue F G \mathbf{M} \mathbf{M} A striking combination of colors that gives a most unusual smoky effect. Not very tall. L. 25c each, 10 for \$2.25; M. 15c each, 10 for \$1.25; S. 10 for 90c; Blts. 10 for 20c, 100 for \$1.50.
- GERTRUDE (M) Slaty rose, with cream midrib A showy smoky. L. 50c each; M. 30c each; S. 15c each, 10 for 25c.
- G. J. MACKAY (Whiteley) Salmon orange, with red blotches F G-R \mathbf{M} 43/4 6 None for sale this year.
- GLENBURN (M) Cream colored Queen Mary G G-R Beautiful ruffled cream Glad with a good number of open florets. Poor germinator and not a very strong grower. L. 60c each; M. 40c each.
- GLORIOLA (El.) Orange salmon with yellow throat G PG-R M Among the best of the Prim Grands. Very large tall plant with large flowers of soft salmon and yellow coloring. L. 35c each, 10 for \$3.00; M. 25c each, 10 for \$2.00; S. 15c each, 10 for \$1.25; Blts. 10 for 25c, 100 for \$2.00.
- GLORIOSA (M) Light scarlet with cream throat G G A good red with cream throat. A taller grower than King George. L. 10c each; M. 10 for 60c; S. 10 for 40c; Blts. 100 for 40c.
- GOLDEN CUP (Pal.) Deep yellow, self color One of the most outstanding deep vellows. This shows some Prim characteristics but is deep in coloring and larger than most yellows. A good one. L. \$2.00 each; M. \$1.40 each; Blts. 20c each, 10 for \$1.60.
- GOLDEN CHIMES (El.) Lovely soft yellow, darker throat E G-R M 4¾ M 6 Large wide open light yellow ruffled Glad. Tall strong grower but not a very good propagator. L. \$3.00 each; S. \$1.00 each; Blts. 20c each.
- GOLDEN DREAM (Groff) Very popular deep yellow self While one of the older yellows, this is still one of the best. The exquisite form and deep color combine to make it a most attractive flower. L. 10c each.
- GOLD MINE (Briggs-Long) Deep yellow, small pink feather G G M 4½ T 6 Another yellow that shows advancement over other yellows. Somewhat like Golden Measure but better placement. Has a little pink in the throat. L. 80c each; M. 50c each; Blts. 10 for 40c.
- A fine clear scarlet red. One of the best in this color. L. 80c each; M. 40c each; S. 25c each; Blts. 10 for 40c.
- HAMPDEN (Er.) Rosy salmon, with orange salmon blotch G G $4\frac{1}{2}$ A typical Australian exhibition flower. L. \$1.50 each; Blts. 15c each.
- HEATHFIELD (Er.) Grenadine red, pomegranate purple blotch G G EM $4\frac{1}{2}$ T Another great exhibition variety. This one is very similar to Lucifer. Both are strong growers and fine propagators. L. \$1.50 each; M. \$1.00 each, 10 for \$9.00; S. 50c each, 10 for \$4.50; Blts. 15c each; 10 for \$1.00, 100 for \$7.50.
- HEAVENLY BLUE—See "Blue" section.
- HELEN JACOBS (Sal.) Light rose pink, with cream throat G G \mathbf{M} $4\frac{1}{2}$ M A flower of beautiful refined coloring hardly comparable to any other variety except possibly

Variety -- Originator -- Color and Markings

Blm. Dia. No. Sub. Type Sea. In. Ht. Out

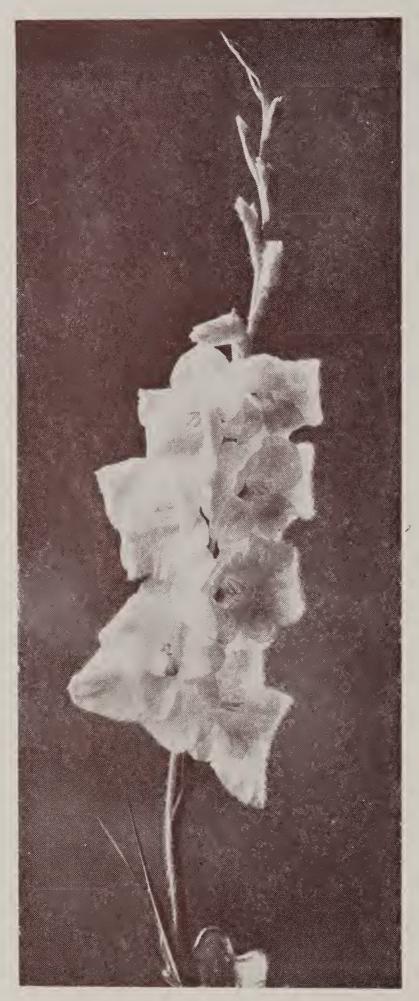
Jenny Lind. Usually comes with short stubby spikes and placement of the florets is not always good. Makes lots of bulblets but is a slow germinator. L. 40c each; M. 25c each, 10 for \$2.00.

- HINEMOA (Doney) Deep smoky rose, flecked darker, yel. tht. G G M 5 T 7 Unquestionably one of the most striking and, at times, bizarre of all Glads. Attracts more attention than about any other Glad. Frequently crooks. Rather a slow germinator from bulblets. Varies considerably in coloring, sometimes being much darker than others. L. 30c each, 10 for \$2.50; M. 20c each, 10 for \$1.50; S. 10c each, 10 for 90c; Blts. 10 for 30c, 100 for \$2.50.

- IMPROVED HENRY FORD (El.) Red purple, darker feather E G M 5 T 8 A taller Henry Ford. Inclined to come crooked. Apparently not a good propagator. L. 50c each; M. 30c each.
- IRIS PHILLIPS (Phillips) Lilac lavender, penciled lighter G G LM $4\frac{1}{2}$ T 9 This might be called a lavender Mrs. T. Rattray. Spike is much the same as in that old variety but color entirely different. Makes plenty of bulblets but they are slow to grow and do not make very large bulbs the first year. L. \$4.00 each; M. \$2.25 each; Blts. 40c each, 10 for \$3.50.

- JAP LADY-See "Blue" section.
- JOERG'S WHITE (Joerg) White, cream throat, red feather G G LM 5 M 6 This is still one of the standard exhibition whites. The throat markings detract some but many like the flower better on account of these markings. Not very tall growing. L. 10c each, 10 for 65c; M. 10 for 45c; S. 10 for 25c; Blts. 100 for 25c.
- JONKHEER VAN TETS (Pf.) Very outstanding pure white E G M 5 T 8 Considered by many as the best exhibition white. Opens about eight of its very large flowers at once. Substance better than in some of the whites and has a longer flower head than some of the others. On the other hand, this one often comes with faulty arrangement of the florets. Everyone should have a few bulbs of this in spite of its one fault. L. 35c each, 10 for \$3.00; M. 20c each, 10 for \$1.75; S. 10 for \$1.25; Blts. 10 for 25c, 100 for \$2.25.
- KAWARTHA (Palmer)

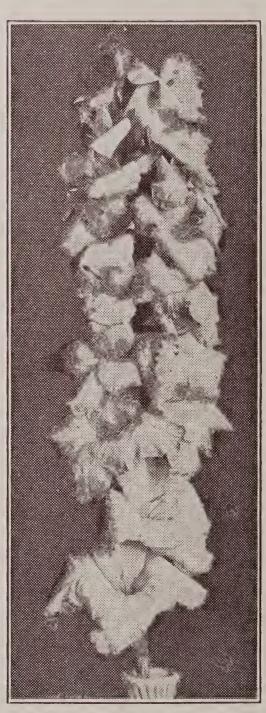
One of Palmer's new ones that has been a winner at the Canadian show. I have not yet had it in bloom and am not describing it for that reason. S. \$2.00 each; Blts. 50c each.



MAID OF ORLEANS

To analyze the charm of flowers is like dissecting music: it is one of those things which it is far better to enjoy than to attempt to understand.

-Tuckerman.



MR. W. H. PHIPPS

Variety -- Originator -- Color and Markings Sub. Type Sea. In. Ht. Out

KIRCHOFF'S VIOLET—See "Blue" section.

- LA PALOMA (Dusinbere) Light orange, red dots in throat G PG M 4½ T 5 Possibly the best orange yet introduced other than Dorothy Dell. Not exceptionally large but of fine color and texture. A splendid commercial variety. Very strong grower from bulblets; L. 20c each, 10 for \$1.50; M. 10c each, 10 for 90c; S. 10 for 60c; Blts. 100 for 40c.
- LA PALOMA (B) Light pink, red penciling on lower petals G G EM 4½ M 8 A pink much on the order of Rita Beck but perhaps a shade deeper. Six or seven perfectly placed florets of beautiful form open on a medium tall spike. Not a very good germinator judging from one year's experience. Stock very limited. L. \$2.00 each.
- LE HABITANT (Cousins) Chocolate salmon, purple blotch G G EM 5½ M 6 Large flowers of most novel coloring. A striking flower in any collection. L. 75c each; M. 50c each; S. 25c each; Blts. 10 for 50c.
- LEWIS DINGMAN (Goodrich) Smoky salmon, with red blotch G G LM 4 M 6 The coloring of this is somewhat like that of the last named variety but flowers are not quite as large and more open at once. L. 15c each; M. 10c each; S. 10 for 60c; Blts. 10 for 15c.

LIBELLE—See "Blue" section.

- LIGHTHOUSE (Berthoud) Orange, light throat, slate flaking... E G M 4½ T 10 This variety is apparently of Mrs. Rattray parentage but is a much stronger grower than most others of this ancestry. Splendid for exhibition. A most showy flower when the orange ground is heavily flaked with steel blue. Does not make so many bulblets but they grow to good sized bulbs the first year. L. \$2.00 each; M. \$1.25 each; Blts. 25c each.
- LORD NELSON (M) Smoky salmon, cream throat, red spots.... G G EM 4¹/₄ M 5 A good smoky. Should be a popular cut flower variety. L. 40c each; M. 20c each; S. 10 for \$1.00; Blts. 100 for 60c.
- LOUIS HEMON (Lem.) Rose red with deep yellow throat G G M 4 M 8 Along with Hinemoa, this runs for first place in attracting the attention of everyone who sees it. Some positively dislike it; others fall for it at sight. Very pretty when several spikes are placed together in a small vase. Makes quite long flower heads but has short stems. Placement usually upright and around the stem. L. 10 for 75c; M. 10 for 50c; Blts. 100 for 20c.

- LUDWIG VON BEETHOVEN (Pf.) slate, crimson penciling G PG EM 5 T 7

 An exhibition Glad of most unusual salmon slate coloring. Some like it, others care nothing about it. Slow to increase. L. 50c each; M. 30c each; S. 20c each.
- MADAM CURIE (Br.) Slate salmon, small rose feather, white blh. F G M 4½ T 5 A fine smoky with light throat. Large and of good form. Not a good propagator. L. \$4.00 each.

- Variety Originator Color and Markings Sub. Type Sea. In. Ht. Out

- MAMMOTH WHITE (Pf.) Very pure white, best exhibition G G L 6½ T 8 My favorite of the whites. Enormous flowers of clear glistening white. About the only fault is that the flowers are a trifle too close together on the spikes. For exhibition blooms it is advisable to plant medium bulbs or large bulbs from which all but one or two eyes have been removed. This has been a consistent prize winner where it is frequently exhibited. L. 25c each, 10 for \$2.00; M. 15c each, 10 for \$1.25; S. 10 for 80c; Blts. 10 for 25c, 100 for \$2.00.
- MARMORA (Er.) Lavender gray, with petunia purple blotch E G M 5½ T 10 The most popular smoky Glad on the market. Very large spikes of large perfectly placed lavender gray blooms. No fan should be without this splendid variety. Fine propagator. L. 10 for 80c; M. 10 for 50c; S. 10 for 25c; Blts. 100 for 15c.
- MAROLEE (Carpenter) Rose pink, yellow center, edged flame.... G G E 6 M 6 This is unquestionably one of the favorites of visitors to my garden. The beautiful coloring coupled with the immense size and splendid form with petals as wide as one's hand makes this a most showy flower and offsets its faulty placement as it grows with me. Some Eastern growers write that it does not do well with them. Apparently, this is a tempermental variety, not doing well in some sections. I consider it worth a trial anyway. L. 30c each, 10 for \$2.50; M. 20c each, 10 for \$1.75; S. 10c each, 10 for 90c; Blts. 10 for 25c, 100 for \$2.25.
- MARY ELIZABETH (Stevens)

 Creamy white blending to creamy yellow throat is the coloring of this exhibition Glad. Many florets of good substance open. A good grower and propagator. L. \$6.00 each; M. \$4.00 each, 10 for \$30.00; S. \$2.00 each, 10 for \$16.00; Blts. 50c each, 10 for \$4.00.

- MERLE MORRIS (Gil.) White overlaid lavender, flecked G G LM 4½ M 7 Large flowers of white ground color flushed with lilac. A goodly number open on a good spike. Should become a good exhibition flower. L. \$1.50 each; M. \$1.00 each; S. 60c each; Blts. 15c each, 10 for \$1.25.
- MEXICAN FIRE OPAL (Sal.) Copper orange, orange feather.... G PG LM 4 M 5 An orange slightly similar to La Paloma but somewhat deeper in shade and with smoky edged petals. Fine propagator. L. 35c each; M. 25c each; S. 15c each; Blts. 10 for 20c, 100 for \$1.50.

- MILDRED LOUISE (Wentworth) Light salmon pink, cream tht. G G M 5½ T 5 One of the very best of last year's introductions. Frequently referred to as being an improved

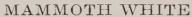
- Variety Originator Color and Markings Sub. Type Sea. In. Ht. Out Betty Nuthall. It is too distinct for such a comparison but it is some what of that color and is a much larger flower than Betty Nuthall. Grows very tall with fine straight spikes. Some state that they prefer it to Picardy and while I do not consider it as quite equal to that variety, yet it is a real acquisition. Fine propagator. L. \$5.00 each; M. \$3.00 each; Blts. 50c each, 10 for \$4.00.
- MINUET (Coleman) Lavender, cream throat dotted ruby...... E G LM 5 M 7 The standard lavender by which all others are judged. This has about as many good points as any Glad on the market. This does not open as many florets as Berty Snow but is less inclined to flake. The spike is as near perfection in form as any Glad. About the only fault is that the bulblets do not germinate well. L. 10 for 60c; M. 10 for 40c; S. 10 for 20c; Blts. 100 for 20c.
- MISS DES MOINES (Pr.) Rose lavender with white throat G G EM 4¹/₄ M 7 A beautiful lavender a little deeper in tone than Minuet. Not so reliable as that variety. Has: proven valuable for hybridizing. L. 25c each; M. 15c each; S. 10c each; Blts. 10 for 15c.
- MISS HARRIETT (Carpenter) Orange with cream throat G PG E 4 S 5 Fine clear shade of orange with yellow throat. For coloring, I believe I like this the best of any orange Glad. About the size and perhaps a little more wide open than La Paloma but not as tall. L. \$1.00 each; M. 60c each; S. 35c each; Blts. 10c each, 10 for 90c.

- MOLLIE DOUGLAS (Douglas) Old rose, deep rose blotch G G M $4\frac{1}{2}$ T 6 Somewhat similar in coloring to Emile Aubrun but with less of the smoky element. With me it has not given as large spikes as Aubrun. L. 25c each; M. 15c each; S. 10 for 80c; Blts. 10 for 15c.
- MONARCH OF THE GLEN (El.) Salmon pink, yellow throat.... E G-R LM 4½ T 8 Most vigorous growing ruffled flower. Spike rather large and coarse in comparison with the size of the flowers. Slow propagator. L. 50c each; M. 30c each.

- MOORISH KING (Pf.) Very deep maroon, shaded black G G M 5½ T 7 The best of the black reds. Tall strong grower with six or seven very large flowers open. Its two faults are closeness of florets to each other and poor germination. A very rich and striking flower. L. \$1.50 each; M. \$1.00 each; S. 75c each; Blts. 25c each, 10 for \$2.00.
- MOTHER MACHREE (Stevens) Smoky salmon, gold throat G G LM 5 M 8 The most talked about Glad two or three years ago and still among the most popular varieties. An exquisite blending of salmon, slate and yellow. Needs good culture to do its best. L. 25c each, 10 for \$2.25; M. 15c each, 10 for \$1.25; S. 10 for 90c; Blts. 10 for 15c, 100 for 50c.
- MRS. GERTRUDE PFITZER—See "Blue" section.
- MRS. LEON DOUGLAS (D) Salmon pink, cream throat, dotted G G LM 6 T 8

 The giant of the Glad family. Not so fine in many respects as some of the later introductions







MARMORA

Variety — Originator — Color and Markings Sub. Type Sea. In. Ht. Out but immense in size and made doubly impressive by the showy color. L. 10 for 50c; M. 10 for 30c; S. 10 for 15c; Blts. 100 for 15c.

MRS. RAY P. CHASE (Mil.) White, yellow throat, flecked pink E G EM 6 T 7 Another exhibition cream colored Glad. When at its best, it is a wonderful flower but it usually comes considerably flaked with pink. The form, size and substance are most desirable. A very rapid propagator. Makes small bulblets. L. 75c each; M. 50c each, 10 for \$4.00; S. 25c each, 10 for \$2.00, 100 for \$15.00; Blts. 10 for 50c, 100 for \$3.00, 1000 for \$20.00.

MRS. S. A. ERREY (Er.) Salmon orange, deep orange throat G G EM 5 T 10 One of the greatest exhibition flowers. Very large flowers and many open at once. Winner of many awards, particularly in New Zealand and Australia. Fades badly in the sun and should be picked when the first florets open. L. 20c each; M. 15c each, 10 for \$1.00; S. 10c each, 10 for 75c; Blts. 100 for 50c.

MRS. THOMAS RATTRAY (Rattray) Rose pink, white throat E G LM 43/4 T 12 The famous Australian exhibition Glad. Many florets open at once on a good spike. Not so good here in either color, size or number open as Mr. W. H. Phipps and it is a very poor germinator. L. 50c each; M. 30c each.

MRS. T. J. KNUDSON—See "Blue" section.

MRS. VAN KONYNENBURG--See "Blue" section.

MR. W. CUTHBERTSON (M) Salmon rose pink, white throat G G-R EM 4½ M 6 In the ruffled class, this has few rivals. Beautiful coloring with exquisite form and a goodly number open on a fine spike. The coloring varies some, some spikes not possessing the dainty

- Variety Originator Color and Markings Sub. Type Sea. In. Ht. Out refinement of others. Opening buds of this variety give little hint of the beauty that is to follow. A good prayagator. L. 50c each; M. 30c each; S. 20c each; Blts. 10 for 25c.
- MR. WM. H. PHIPPS (D) Light salmon pink, lighter throat G G L 5½ T 17 The greatest of all exhibition Glads. Often opens 15 to 17 of its immense blooms. One spike is a whole bouquet. Unfortunately, only a small percent of the spikes are up to exhibition standard. This variety has held first place on the A. G. S. symposium for the last four years. Every Glad fan should have a number of bulbs of this variety. L. 10 for 50c; M. 10 for 30c; S. 10 for 20c; Blts. 100 for 15c.
- NETHERLANDS PRINCE (Stevens) Salmon pink, white throat G G M 5 M 5 A rival of Mrs. Douglas in size of florets. Not an extra good propagator with me. L. 80c each; M. 50c each; Blts. 10c each.
- NEWINGTON (Webb) White, yellow throat, lined red ______ E G LM 5 M 10 A cream flower much on the order of Mrs. Rattray in spike formation. A good number of medium sized florets open. L. \$1.50 each; M. \$1.00 each; S. 60c each; Blts. 15c each, 10 for \$1.

- OLIVAR—See "Blue" section.

- ORLANDO (Er.) Grenadine red, purple feather on yellow tht. G G LM 4¾ M 10 A flower with many blooms open at once. Very strong grower. In size the florets are not large nor is the color especially attractive. Possibly it will show up better another season. L. \$1.00 each.
- OTHELLO (P)-See "Blue" section.
- OUR SELECTION (Ball) Smoky salmon rose, red fth., crm. lip G G-R M 4½ M 10 One of the greatest prize winners from Australia. Fine spikes with many open florets and a



PICARDY (Spikes from Bulblets)

Yariety — Originator — Color and Markings Sub. Type Sea. In. Ht. Out novel coloring constitute its chief merits. A good propagator. L. 20c each; M. 10c each, 10 for 80c; S. 10 for 40c; Blts. 10 for 10c, 100 for 60c.

- PALLAS (Er.) Lavender blue FG EM 4½ M 6 A light lavender violet. Might almost be included in the blue section. Rapid propagator. L. 60c each; M. 40c each; S. 20c each; Blts. 10 for 35c.
- PALMYRA (Gil.) Pink with slate flecking ______ F G LM 5 M 5 A large light pink with more or less steel blue flaking. None for sale this year.
- PANOPE (Er.) Medium pink, cream throat ______ G G E 4¾ T 7 Good salmon pink with yellow throat on exhibition spikes. Poor germinator. L. \$1.00 each; Blts. 10 for 75c.
- PAUL CAMBON (Lem.) Brownish orange, maroon blotch G G EM 5½ T 9 A most showy brick red flower with spikes much like those of Emile Aubrun. Not so reliable as that variety and not as rapid a propagator nor strong a grower. S. 10 for \$1.50; Blts. 10 for 15c.

Variety — Originator — Color and Markings Sub. Type Sea. In. Ht. Out PELEGRINA—See "Blue" section.

- The green glad. This is not beautiful but is just a novelty. Form somewhat like Louis Hemon. M. 25c each; S. 15c each; Blts. 10 for 20c.
- PERFECTA (Alkemade) White ______ G G M 4 T 6 Another commercial white. Arrangement of the florets not always good. L. 10 for \$1.00; M. 10 for 60c; S. 10 for 30c; Blts. 100 for 35c.
- PFITZER'S TRIUMPH (Pf.) Light orange scarlet, deeper lip G G LM 5½ M 6 Among the most striking and showy of all flowers. The form and color combine to make this an exceptionally showy variety. Does not stand heat well and spikes are usually rather short but it is a worth while Glad just the same. L. 10 for 60c; M. 10 for 40c; S. 10 for 20c; Blts. 100 for 25c.
- PICARDY (Pal.) Light salmon apricot, deeper salmon feather E PG EM 6 T 7 As near perfection as has been reached in Glads. This variety combines large size with grace-fulness to a remarkable degree. Most beautiful coloring and perfectly formed spikes. While it wilts some in the hot sun, it recovers as soon as conditions are suitable. One of the most sturdy growers with beautiful wide dark green foliage. Grows and blooms well from bulblets and increases remarkably fast. This Glad will likely be the most popular variety in the next three or four years. If you want the best, be certain to plant this one. See color illustration. L. \$2.00 each, 10 for \$15.00; M. \$1.25 each, 10 for \$10.00; S. 75c each, 10 for \$6.00; Blts. 20c each, 10 for \$1.50, 100 for \$12.00.

- PROF. SLOGTERAN (Alkemade) Pure pink, carmine feather.... G G EM 41/4 M 6 A very soft clear shade of pink in a flower of most attractive form. A beautiful Glad. L. 60c each; M. 40c each; S. 20c each; Blts. 10c each, 10 for 40c.
- PURE LOVE (Alkemade) Soft pink, light penciling in throat G G M 3½ M 5 A dainty blending of soft pink and cream. Flowers not very large. Somewhat slow as a propagator. L. 35c each; M. 25c each; S. 15c each; Blts 10 for 40c.



To gild refined gold, to paint the lily,
To throw a perfume on the violet,
To smooth the ice, or add another hue
Unto the rainbow, or with the taper-light
To seek the beauteous eye of heaven to garnish,
Is wasteful and ridiculous excess.

-Shakespeare.



PFITZER'S TRIUMPH

- Variety Originator Color and Markings Sub. Type Sea. In. Ht. Out show as any variety. Unfortunately, in many localities, it flakes with pink. Poor germinator. L. 40c each; M. 30c each; S. 20c each, 10 for \$1.50; Blts. 10 for 30c.

- RHAPSODY IN BLUE—See "Blue" section.
- ROI ALBERT (Lem.) Smoky rose, crimson blotch feathered yel. G G M $4\frac{1}{2}$ M 6 One of the very best of the smokies. Spikes and flowers of beautiful form. In great demand. L. 30c each; M. 20c each, 10 for \$1.50; S. 10 for 90c; Blts. 10 for 20c, 100 for \$1.50.
- ROSA RAISA—See "Blue" section
- ROSEMARIE PFITZER (Pf.) Creamy white, flecked pink G G E $4\frac{1}{2}$ T 7 A little on the order of Queen Mary but with larger flowers and not as many open. Should prove a popular exhibition variety. A fine propagator. Beautiful flower. L. \$4.00 each; M. \$3.00 each, 10 for \$25.00; S. \$1.50 each, 10 for \$12.50; Blts. 50c each, 10 for \$4.50, 100 for \$40.
- SALBACH'S ORCHID (Sal.) Lavender pink, throat dusted rose G G M 4½ M 8 Much like Minuet but pinker in tone and with more blooms open. Perhaps not as reliable as Minuet. Fine when well grown. L. \$1.25 each; M. 60c each, 10 for \$5.00; S. 30c each, 10 for \$2.50; Blts. 10 for 60c, 100 for \$4.50.
- SALBACH'S PINK (Sal.) Rose pink, cream throat penciled ruby G G LM 4½ M 7 Long spikes with about eight large flowers of rich coloring open. As this grows some double florets, it may prove valuable to those hybridizers who are working for double flowers. A good exhibition variety. L. 20c each, 10 for \$1.50; M. 15c each; S. 10c each, 10 for 75c; Blts. 10 for 15c, 100 for 75c.
- SAPHIR—See "Blue" section



OUR SELECTION



WINGS OF THE MORNING

Variety — Originator — Color and Markings —— Sub. Type —— Sea. In. Ht. Out SCHWABENGIRL (Pf.) Pure pink, deeper lines in throat …… G G —— EM 5 — M 8 A strong growing pink. Apparently not as reliable in the production of uniformly good spikes as some of the other Pfitzer varieties. L. \$1 each; M. 50c each, 10 for \$4; S. 35c each, 10 for \$3.00; Blts. 10 for 40c, 100 for \$3.00.

SEMIAHMOO (Kaylor) Smoky brown GGGM 4 T 5
Another of those unusual smokies. Salmon brown with smoky tints. Heavy texture. One of
those that some will like and others will not care about. L. \$3.00 each; M. \$2.00 each; S.
\$1.00 each; Blts. 35c each, 10 for \$3.00.

- Variety Originator Color and Markings Sub. Type Sea. In. Ht. Out
- SMILING MAESTRO (Christ) Deep salmon orange, flaked brown G G-R M 6 M 6 Probably the best of the Christ varieties. Wonderful color with five or six immense blooms open. Very good. Fine propagator. L. \$5.00 each; S. \$2.00 each; Blts. 50c each, 10 for \$4.00.
- SOLVEIG (Prestgard-Baerman) White, carmine feather E G-R LM 6 T 5 Splendid large white of wonderful texture, form and substance. Five or six well placed blooms open. To some individuals, the rose feather detracts; to others, it adds to the beauty of the flower. Inclined to fleck with pink under some weather conditions. L. \$40.00 each.
- SOUTHERN SKIES (Metzner) Rose pink, 3 small petals deeper G G EM 3½ M 7 A light pink with red spots and yellow throat. L. 15c each; M. 10c each; Blts. 10 for 10c.
- SPIRIT OF ST. LOUIS (Mueller) Dull orange, throat dotted red E G EM 4 M 7

 A vigorous growing orange. Fine spikes. Rather dull in color but, at the same time, attractive.

 A splendid commercial sort. L. 15c each; M. 10c each; S. 10 for 35c; Blts. 100 for 25c.

- STAR PRINCE (Christ) Cream flushed lavender, carmine tht. F G M 7¹/₄ T 5

 A rival of Winged Victory in size of florets. Immense winged blooms of cream slightly tinged lavender. L. \$3.00 each; S. \$1.00 each; Blts. 25c each.
- STATELY LAVENDER (Kin.) Light lavender penciled purple.... F G M 4¹/₄ M 7 A new light lavender slightly resembling Dr. Moody but much lighter in color and with better spikes. Not as clear in coloring as some of the other lavenders and with more pink in its make up. L. \$1.00 each; M. 60c each, 10 for \$5.00; Blts. 10 for 50c, 100 for \$4.00.

- SULTAN (Cr.) Deep rose red, white mid-rib on purple throat.... G G-R M 5 M 8 A large rich red of good substance. Usually comes rather stubby with me and is not a good germinator. L. \$2.00 each; M. \$1.25 each; S. 75c each; Blts. 20c each, 10 for \$1.50.

Dia. Blm. No. Ht. Out Sub. Type Variety — Originator — Color and Markings Sea. In. SUNSHINE GIRL (St.) Salmon pink, yellow blotch F PG EM \mathbf{M} A splendid commercial variety with beautiful spikes and refined coloring. L. 50c each; M. 30c each, 10 for \$2.00; S. 20c each, 10 for \$1.25; Blts. 10 for 25c. SUNSHINE GLOW (Neeley) Red, yellow throat \mathbf{F} \mathbf{PG} $4\frac{1}{4}$ M A beautiful early Prim. Grand. One of the first to bloom. L. 20c each; M. 10c each; 10 for 50c; Blts. 10 for 15c. SUWANEE (Christ) Pink, lighter throat, penciled red F G EM A Phipps seedling with similar coloring but smaller flowers. Opens a fair number at once but judging from my experience, inclined to poor facing. L. \$2.50 each; S. 75c each: Blts. 20c each, 10 for \$1.50. G G EM 4 SWORD OF MAHOMET (El) Chocolate salmon Another popular out-of-the-ordinary Glad. Most novel smoky shading. M. 10c each; S. 10 for 35c; Blts. 100 for 25c. TAWHAKI (Doney) Salmon orange, blotched true orange $4\frac{1}{2}$ T G GA brilliant orange scarlet with darker stripes and flakes. One of the most showy colors in the garden. Plant most vigorous and tall with long heavy spikes. The florets might be a little larger to be more in keeping with the immense spikes. Very heavy propagator and strong grower from bulblets. L. \$4.00 each; M. \$3.00 each, 10 for \$25.00; S. \$2.00 each; Blts. 40c each, 10 for \$2.50, 100 for \$20.00. THE EMIR (Pety) Buff, copper and slate F P E $3\frac{1}{2}$ M A delightful Prim with buff and bronze shades similar to those found in some Breeder Tulips. The intensity of coloring varies much with location and weather. L. 10c each: M. 10 for 50c: S. 10 for 25c; Blts. 100 for 20c. THE QUAKERESS (Sal.) grey, white throat G GA grey sport of the old popular variety, Rose Ash. Just like its parent in all but coloring. S. 10 for 70c; Blts. 100 for 40c. THOMAS A. EDISON (K) Deep maroon red E G-R Kunderd's finest ruffled Glad. About the finest ruffling found in any Glad and a very rich clear color. Not a strong grower and a slow propagator. Difficult to grow enough for the demand. L. 60c each, 10 for \$5.00; M. 40c each, 10 for \$3.00; S. 25c each. THOR (Mitsch) Rose doree, carmine and white throat G GM Very large wide open flowers of rose-doree or rose red coloring. See front of catalog for complete description and illustration. TINAMBA (Er.) Light rose pink, lighter throat $\mathbf{F} - \mathbf{G}$ $\mathbf{E}\mathbf{M}$ $-5\frac{1}{2}$ T Giant exhibition spikes of very large flowers. Flowers about the size and similar in form to Mrs. Douglas but much lighter color. Not as tall as Mrs. Douglas but with a much longer flower head. L. 35c each; M. 25c each, 10 for \$2.00; S. 15c each, 10 for \$1.00; Blts. 10 for 35c, 100 for \$2.50. TOBERSUN (A) Medium yellow, darker throat G N 31/2 M A good clear colored yellow of good form. Should be well grown to give good spikes. L. 20c each; M. 15c each, 10 for \$1.00; S. 10 for 60c; Blts. 100 for 60c. TOSCA (B) Deep red, black red throat, petals flecked deeper Gorgeous rich red flowers with almost black blotches. About six large well placed flowers open. An early bloomer. Very showy and fine. L. \$2.00 each; M. \$1.00 each; S. 60c each; Blts. 20c each, 10 for \$1.50. TRAGEDIE (Lem.) Orange red, maroon and gold throat \mathbf{M} The maroon blotch with gold spots on a flower of orange red ground makes this a most

striking flower. Somewhat slow propagator and makes flat bulbs even from bulblets. L. 30c

each; M. 20c each; S. 10c each; Blts. 10 for 35c.

Blm. Dia. No. Variety — Originator — Color and Markings Sub. Type Sea. Ht. Out In. TROUBADOUR (Pf.) Deep red purple, almost self..... G \mathbf{M} 5 \mathbf{M} One of the richest and clearest in shade of the purples. Many good sized blooms open. Per-, haps not so reliable as Chas. Dickens. L. 30c each; M. 20c each; S. 10c each; Blts. 10 for 35c. TUTANEKAI (Doney) Orange ochre, flaked brown, yellow tht. G - GLM 5 Another of Doney's varieties which is a sensation on the show bench. Varies much in coloring. L. 40c each; M. 25c each; S. 15c each. VEILCHENBLAU—See "Blue" section. VICTOR (Er.) Bright scarlet, prominent white throat G G Probably the finest of the older scarlets with white throat and about the only rival among the newer ones is Wuertembergia. Lacks somewhat in vigor. L. 15c each; M. 10 for 75c; S. 10 for 40c; Blts. 100 for 35c. WANETA (Martin) La France pink marked deeper smoky tint M 9 G GGood exhibition smoky pink. Not a very rapid propagator. M. 35c each; S. 20c each. WASAGA (Pal.) Clear apricot, buff throat G PG-R EM Among the very best of the 1932 introductions. Fully as beautiful in coloring as Picardy with good wide open form, wonderful ruffling and texture, and vigorous growth. Very good propagator. Must be seen to be appreciated. L. \$4.00 each; M. \$2.75 each; Blts. \$1.00 each, 10 for \$8.00. WILTON (Gil.) Salmon orange, soft cream lip G - GM $4\frac{1}{2}$ M Another of the new Australian varieties which must be grown another year to pass on its merits. M. \$1.00 each. WINGED VICTORY (Br.) Salmon pink, white throat F G M The largest Glad. May be grown to measure eight inches or more across. Very long winged petals. Frequently crooks. Very rapid propagator but bulbs are somewhat suspetible to disease. L. 25c each, 10 for \$2.00; M. 15c each, 10 for \$1.00; S. 10 for 50c; Blts. 100 for 60c. WINGS OF THE MORNING (Miller-Blake) Pink, ltr. tht, E G A beautiful clear shade of pink with eight or ten large florets open at once. Spikes are a little short but fine otherwise. Good propagator. L. 40c each; M. 20c each; S. 10c each; Blts. 10 for 15c. WOLFGANG VON GOETHE (Pf.) Raspberry red, darker pencil E PG M Very large flowers slightly reminiscent of Aflame. Coloring perhaps more clear than in that variety and spikes not as tall. A little slow to germinate from bulblets. L. \$1.25 each; M. 80c each, 10 for \$6.50; S. 40c each, 10 for \$3.50; Blts. 10 for 50c. WUERTEMBERGIA (Pf.) Bright scarlet, cream blotch GLM $5\frac{1}{2}$ M Fiery light scarlet with cream throat blotches. Very large flowered. Not always perfectly placed but a very fine flower in spite of this occasional defect. L. \$2.00 each; M. \$1.00 each, 10 for \$8.00; S. 60c each, 10 for \$5.00; Blts. 10 for \$1.00, 100 for \$8.00. E YELLOW PERFECTION (Pf.) Pure soft yellow, darker throat G G About as fine a flower as we have in light yellows. Good sized and of very soft clear color. Rather slow propagator. L. 35c each, 10 for \$2.50; M. 20c each; S. 15c each, 10 for \$1.25; Blts. 10 for 25c. F PG \mathbf{M} $3\frac{1}{2}$ M YELLOW ROSE (St.) Light yellow Beautiful rose shaped buds with eight or ten open at once. Often fails to open well, especially in hot weather. L. 50c each; M. 30c each; S. 20c each; Blts. 10 for 30c. YVONNE (Vel.) Blush white, with rose feather $\mathbf{G} - \mathbf{G}$ EM 6

Perfectly formed spikes of large flowers. Most vigorous in growth and plant of very attractive deep green. Taking plant and flower together this has few rivals, M. 10 for 40c; S.

10 for 20c; Blts. 100 for 15c.

Collections

NO. 201 BLUES

ALLAWAH AIDA
ALT WEIN AVE MARIA
HEAVENLY BLUE
MRS. GERTRUDE PFITZER
MRS. KONYNENBURG
OLIVAR OTHELLO
VEILCHENBLAU

2 large bulbs each of the above for _____\$1.40

NO. 203 EXHIBITION

AVE MARIA
BAGDAD
COMMANDER KOEHL
ESME DESAILLY
FANNY CROSBY
MAMMOTH WHITE
MAROLEE
PICARDY
RED LORY
TINAMBA
WINGED VICTORY
WINGS OF THE MORNING

1 large bulb each of the above for \$3.75. 1 medium bulb each of the above \$2.50. 10 bulblets each of the above for \$3.50.

COLLECTION NO. 209

BENTLEIGH \$.10
BLUE ROYALE	.30
CORONATION	.50
ERICA MORINI	.35
KING ARTHUR	.75
LUCIFER	.15
MARY ELIZABETH	.50
MERLE MORRIS	.15
MILDRED LOUISE	.50
NEWINGTON	.15
PELEGRINA	.75
ROSEMARIE PFITZER	.50
TAWHAKI	.40
WASAGA	00.1
VALUE\$6	5.10

One bulblet of each of the above for \$3.50. Two of each for \$6.00.

NO. 202 BLUES

ALT WIEN
BLUE DANUBE
BLUE MOON
BLUE ROYALE
BLUE TRIUMPHATOR
LIBELLE
MRS. T. J. KNUDSON
PELEGRINA
RHAPSODY IN BLUE
ROSA RAISA

1 large bulb each of the above for \$10.00. 1 medium bulb of each for \$6.50. 1 small bulb of each for \$4.75.

NO. 204 EXHIBITION

AFLAME
ALBATROS
BERTY SNOW
BETTY NUTHALL
CANBERRA
EMILE AUBRUN
HINEMOA
MARMORA
MINUET
MRS. DOUGLAS
MR. W. H. PHIPPS
PFITZER'S TRIUMPH

2 large of each of the above for _____\$1.50

COLLECTION NO. 210

DR. DURR	\$2.00
ERICA MORINI	2.50
LUCIFER	1.00
MILDRED LOUISE	3.00
NERISSA	1.00
PELEGRINA	3.50
PICARDY	1.25
ROSEMARIE PFITZER	3.00
TAWHAKI	3.00
WASAGA	2.75
VALUE	\$23.00

One medium bulb each of the above for \$14.00.

Quantity Prices

Price per 100	1¼" up	3/4"-11/4"		
Aflame		\$2.25		Per 1000 \$1.00
Aida		4.00	2.00	φ1.00
Apricot Glow		1.50	.75	.50
Bagdad		60.00	30.00	70.00
208 444			Per Quart	
Berty Snow	\$4.00	2.00	1.00	1.00
Betty Nuthall	φ 1.00	2.50	1.00	1.00
Canberra		7.50	4.00	4.00
Commander Koehl	15.00	8.00	4.00	10.00
Emile Aubrun	3.50	2.00	1.00	.60
Fanny Crosby	17.50	10.00		9.00
Garteninspector Berger	1	. 0.00	6.00	15.00
Gloriola	25.00	15.00	10.00	15.00
Hinemoa	20.00	12.00	8.00	20.00
Jonkheer Van Tets	25.00	-:	10.00	
La Paloma (D)		7.00	4.00	
Louis Hemon	5.00	3.00		1.00
Mammoth White	12.00	8.00	4.00	10.00
Marmora	5.00	3.00	1.25	1.25
Marolee	20.00	15.00	8.00	20.00
Minuet	4.00	2.00	1.00	1.50
Miss Joy	_	4.00	1.50	2.00
Mother Machree	12.00	6.00	3.50	
Mrs. Konynenburg		2.25	1.00	1.00
Paul Pfitzer		2.25	1.00	2.50
Pfitzer's Triumph	4.00	2.00	1.00	1.75
Picardy		80.00	50.00	100.00
		ŀ	Per Quart	400.00
Queen Louise			10.00	
Veilchenblau	6.00	3.00	1.50	1.75
Winged Victory	15.00	7.00	3.00	3.00

Lilies

Nankeen Lilies (L. Testaceum) the beautiful apricot colored lily. Price for large blooming size bulbs. \$1.25 each for delivery in September.

Regale Lilies (L. Regale) the most popular and easiest grown of the white lilies. L. 25c each; \$2.50 per dozen.

Coral Lilies (L. Tenuifolium) a most dainty small flowered sort. Brilliant orange red. L. 25c each; \$2.50 per dozen.

Tiger Lilies (L. Tigrinum) the old fashioned lilies of grandmother's garden. L. 20c each; \$1.50 per dozen.

All lilies should be ordered early if desired for planting this spring as they come into growth early here. Seed of either Regale or Coral Lilies at 25c per packet.



Delphiniums

My specialty is "Blue" Glads but as yet we have no true blues in this flower and for the present, to have this color in our gardens, we must resort to other flowers. There is certainly no other flower possessing all the fine points of the modern Delphiniums. Even these, for the most part, are of colors other than blue,—the mauve, lavender, and purple shades predominating but there are many shades of real blue to be found in combination with these other colors and some flowers are almost entirely blue.

The improvements made in Delphiniums in the last few years are just as striking as those in Glads and it would be difficult to imagine a flower surpassing in grandeur and loveliness a well grown Delphinium.

I am not offering plants for sale but I have a few seed to offer and from these, any one should be able to grow a few worthwhile plants. Not all the seedlings will equal or approach the plants from which the seed are saved but some should be good. Seed is saved from plants having flowers 2½ to 3 inches in diameter. While none is taken from plants with single flowers, a percentage of the seedlings will be single flowering. All shades from light lavender mauves to rich violet purple are included. Most of my 1932 crop is sold and orders received after the old crop is sold out will be held until the new crop is harvested.

White Delphiniums have been weak growers or small in size in the past but now we have a new strain, the Hoodacre Whites, which produces mostly double flowers two inches or more across. About half of the seedlings from white plants can be expected to be blues and purples but the others will come as whites. Seed of either the whites or the blues at \$1.00 per packet.

If interested in the new varieties of strawberries and other small fruits, write Geo. A. Mitsch, Brownsville, Oregon, for price list.

Glad Seed

Glad seed offered this year is selected from the best and newest varieties such as the new Australian varieties, and Commander Koehl, Picardy, etc. Price 50c per liberal packet.

I am not offering seedling bulbs for sale this year as I prefer to keep these for my own experimental work. In view of the fact that many who bought my seedlings previously were so well pleased with the results, I may offer some again another season but for the present they will be withdrawn from the market. Two of my seedlings are being introduced this year and I have several others coming on that will likely be placed on the market in the near future.

Photo Contest

Last year I inaugurated a contest to interest my customers in growing the finest Glads possible and preserving a likeness of these flowers through photographs. Unfortunately, there were very few photos sent in and while some were quite good, none were judged of sufficient merit for reproduction in my catalog. It might be stated here that it is difficult to reproduce a photo so as to have the reproduction closely approach the original in quality of detail.

It is to be hoped that many more entries will be sent in this year. I shall suggest that photos of the newer varieties will be more acceptable than those of the older sorts for the reason that most of the older varieties will soon be discontinued or grown in but small quantities as most of my customers are interested in the newer sorts.

For the best photo submitted, provided it is suitable for reproduction, I offer \$5.00 cash. For each additional photo used, one bulb of Christabel will be given. All entries should be submitted by December first. No one is barred from entering this contest but preference will be given to those who are my customers if quality of photographs is equal.

Red Lory

This variety, illustrated on the front cover, is easily one of the finest exhibition varieties that I grow. In some sections it is reputed not to grow long spikes but in my garden it grows much taller and has more buds to the spike than does Marmora, that other great Australian Glad. The color is well illustrated in the picture although much better spikes may be grown. With good culture it will grow about five feet tall with spikes having 20 to 24 buds, opening 12 or 13 or even more. Red Lory has been the winner of a number of Sweepstakes awards as the finest flower in the show. Placement of florets is almost uniformly good and substance is excellent for a flower of this type. As this variety makes such large spikes of bloom, it is advisable to stake them if they are not cut and taken indoors. While I have perhaps the largest stock of this in America, my supply of large and medium bulbs is limited. L. 45c each; M. 30c each; S. 15c each.



Pelegrina

This is one of the very best deep violet or "blue" Glads yet produced. Every garden where "blues" are grown should have this variety. Unlike many Glads of this color, this one is a good grower and propagator, and at the same time, it is among the most attractive in color. Price each: Large bulbs, \$5; Medium, \$3.50; Small, \$2.50; Bulblets, 75c.

This is but one of the many "blues" listed in this catalog. For descriptions and prices of others turn to section headed "Blue Glads".

BAILEY-BLAKE PRINTING CO.
HORTICULTURAL PRINTERS
LEWISTON, IDAHO

COLOR PRINTING BY
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HORTICULTURAL PRINTERS